

WHAT IS CLAIMED IS:

1. A wind-driven power station comprising:
 - a) a closed-loop track having basic elongated sections positioned across the predominant wind direction in the given area and additional closing sections arranged, accordingly, down and up said predominant wind direction;
 - b) said basic elongated sections and one additional closing section of the track arranged down said predominant wind direction are made with a small gradual ascent;
 - c) said another additional closing section of the track positioned upwind is made with a smooth descent and placed in a tunnel;
 - d) at least one carriage placed to move along said track;
 - e) a sail assembly mounted on the said carriage;
 - f) at least one electric generator placed on said carriage and designed to generate electric power when carriage moves along said track; and
 - g) wind directing device is positioned along the basic elongated sections of the track and designed to direct wind upon said sail assembly.
2. A wind-driven power station of claim 1, wherein said basic elongated sections of the track positioned at different levels relative to height.

3. A wind-driven power station of claim 1, wherein said sail assembly is formed by rigid plates concave relative to the wind flow made from a high-strength light material and fixed to said carriage.
4. A wind-driven power station of claim 1, wherein said electric generator generates electricity by means of at least one rotating wheel of said carriage and has at least one sliding contact supplying electricity from said moving carriage to electrical loads.
5. A wind-driven power station of claim 1, wherein said wind direction device is made as rigid edge-bent plates which form channels to direct wind upon said sail assemblies of said carriages.

A handwritten signature in black ink, appearing to be 'LB' followed by a stylized flourish.